

Receiving Report

Date: 15-04-2

Batch No: 131947

Supplier: Core

Dart P/O: 27791-1526501

Packing Slip: Yes ✓ No
 Invoice: Yes ✓ No
 Receipt: Cash Cr ✓
 New Supplier Yes No

Release Note Attached: Yes ✓ No N/A
 Waybill Attached: Yes ✓ No
 Shipment Complete: Yes ✓ No N/A
 QC18 Inspection N/A ✓
 Work Order N/A ✓

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver

QC12

SP

Production/Admin:

Date
 Received/Costing
 Initial

Location



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO27791

Purchase Order Date 3/16/2015

PO Print Date 4/2/2015

Page Number 1 of 3

Order From :
C.O.R.E. AVIATION SERVICES
16305 E. TWIN ACRES DRIVE
GILBERT, AZ 85297
US

VU-COR001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 480 497 6136

Ship To Contact
Ship To Phone

Ship Via FedEx Overnight collect
Ship Acct

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 10
Currency USD
FOB FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req. Qty/ Unit of Measure	PO Unit Price	Extended Price
1	AN44-7A	Eyebolt	4/2/2015 Yes 4/2/2015		6.00 ✓ Each	\$22.50	\$135.00
Line Total:							\$135.00
2	AN4C42A	Bolt	4/2/2015 Yes 4/2/2015		50.00 ✓ Each	\$33.25	\$1,662.50
Line Total:							\$1,662.50
3	AN4C47A	Bolt	4/2/2015 Yes 4/2/2015		20.00 ✓ Each	\$16.50	\$330.00
Line Total:							\$330.00

8015-04-2

PO Instructions: Fedex Acc#151793240

Note:

4/1/2015

C.O.R.E. Aviation Services, Inc.

16305 E. TWIN ACRES DRIVE

GILBERT, AZ 85298

USA

Ph: 480-497-6136 Fax: 480-497-3568

Email: sales@coreaviation.com

Packing List

Ship Doc : CA150401-3

Printed : 04/01/2015

No. Items : 6

Page : 1 of 1

Bill To:

Dart Aerospace Ltd.
1270 Aberdeen St.
Hawkesbury, ON K6A 1K7
Canada

Ship To:

Dart Aerospace Ltd.
1270 Aberdeen St.
Hawkesbury, ON K6A 1K7
Canada

Sales Order : 27791

AWB : 773274094820

Resale : Not On File

Order Date : 03/20/2015

Customer# : DALD

Buyer :

Ship Date : 04/01/2015

Terms : N 10

Contact : 613-632-9577

Ship Via : FEDEX

Sales Person: KAIZER HUSEIN

Weight :

Ship Account: 151793240

FOB : GILBERT, AZ

No. Boxes :

Dimensions :

Item	Part Number/Description	CD	Location	UM	Ord	B/O	Shipped	Cust. PO#
4	AN6C44A BOLT NSN:5306-00-275-9647	NE	HC202	EA	100	46	54	26521
1	AN44-7A BOLT, EYE	FN	HC202	EA	6	0	6	27791
2	AN4C42A BOLT	NE	DART	EA	50	0	50	27791
3	AN4C47A BOLT NSN:5306-00-543-5079	NE	HC202	EA	20	0	20	27791
4	AN8C35A BOLT NSN:5306-00-855-7396	NE	HC202	EA	25	0	25	27791
5	AN8C21A BOLT NSN:5306-00-579-3481	NE	DART	EA	20	0	20	27791

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TERMS AND CONDITIONS OF SALE

MATERIALS ON THIS ORDER CONFORM TO SPECIFICATIONS AS LISTED ON YOUR PO/RO.

MATERIAL IS SUBJECT TO YOUR INSPECTION

OUR TERMS ARE AS PER OUR MUTUAL LETTERS OF AGREEMENT.

OVERDUE INVOICES WILL BE SUBJECT TO 1.5% INTEREST ON OVERDUE AMOUNTS.

NO RETURN OR REFUNDS AFTER 10 DAYS FROM INVOICE DATE.

DAMAGE OR SHORTAGE CLAIMS MUST BE MADE WITHIN 10 DAYS OF INVOICE DATE.

NO RETURNS ALLOWED WITHOUT PRIOR APPROVAL. RETURNED GOODS COULD BE

SUBJECT TO A RESTOCK CHARGE.

COUNTRY OF ORIGIN OF GOODS : USA

TYPE OF GOODS : AIRCRAFT PARTS

HARMONIZED CODE : 8803-20-0050

CERTIFICATE OF CONFORMANCE

C.O.R.E. Aviation Services, Inc.

16305 E. TWIN ACRES DRIVE, GILBERT, AZ 85298, USA

Phone: 480-497-6136 Fax: 480-497-3568 FAA Sta. #: Web:

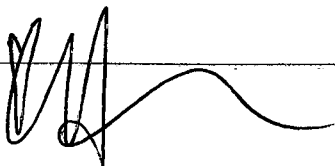
Invoice : CA150401-4
Date : 04/01/2015
PO : 27791
Issued By : KAIZER HUSEIN
Page : 1 of 1

THIS IS TO CERTIFY THAT ALL GOODS ON C.O.R.E. INVOICE WERE SHIPPED IN ACCORDANCE WITH THE PART SPECIFICATIONS ON CUSTOMERS PO & TO THE BEST OF OUR KNOWLEDGE AND BELIEF, MEET THOSE STANDARDS.

ITEM(S) WERE DETERMINED TO BE IN STATED CONDITION BY VISUAL CONDITION AND OR IN ACCORDANCE WITH RECEIVING RECORDS.

ALL DETAILED RECORDS ARE KEPT ON FILE AT C.O.R.E. AVIATION SERVICES FOR ANY FUTURE CUSTOMER INSPECTION.

Item	Part Number/Description	Shipped	CD
1	AN44-7A BOLT, EYE	6	FN
2	AN4C42A Lot:9952481 BOLT	50	NE
3	AN4C47A Lot:15544 BOLT	20	NE
4	AN8C35A Lot:15838 BOLT	25	NE
5	AN8C21A Lot:15494 BOLT	20	NE



KAIZER HUSEIN

C.O.R.E. Aviation Services, Inc.

16305 E. TWIN ACRES DRIVE

GILBERT, AZ 85298

USA

Ph: 480-497-6136 Fax: 480-497-3568

Email: sales@coreaviation.com

DUPLICATE

Invoice

Invoice : CA150401-4

Date : 04/01/2015

No. Items : 5

Page : 1 of 1

To:
Dart Aerospace Ltd.
1270 Aberdeen St.
Hawkesbury, ON K6A 1K7
Canada

Ship To:
Dart Aerospace Ltd.
1270 Aberdeen St.
Hawkesbury, ON K6A 1K7
Canada

Sales Order : 27791

AWB : 773274094820

Resale : Not On File

Your Order# : 27791

Customer# : DALD

Buyer :

Order Date : 03/20/2015

Terms : N 10

Contact : 613-632-9577

Ship Date : 04/01/2015

Sales Person : KAIZER HUSEIN

Weight :

Ship Via : FEDEX

FOB : GILBERT, AZ

No. Boxes :

Dimensions :

Item	Part Number/Description	Shipped	BackOrd	CD	Unit Price	Total Amt
1	AN44-7A BOLT, EYE	6	0	FN	\$22.50 EA	\$135.00
2	AN4C42A BOLT	50	0	NE	\$33.25 EA	\$1,662.50
3	AN4C47A BOLT NSN: 5306-00-543-5079	20	0	NE	\$16.50 EA	\$330.00
4	AN8C35A BOLT NSN: 5306-00-855-7396	25	0	NE	\$26.00 EA	\$650.00
5	AN8C21A BOLT NSN: 5306-00-579-3481	20	0	NE	\$13.50 EA	\$270.00

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TERMS AND CONDITIONS OF SALE

MATERIALS ON THIS ORDER CONFORM TO SPECIFICATIONS AS LISTED ON YOUR PO/RO.

MATERIAL IS SUBJECT TO YOUR INSPECTION

OUR TERMS ARE AS PER OUR MUTUAL LETTERS OF AGREEMENT.

OVERDUE INVOICES WILL BE SUBJECT TO 1.5% INTEREST ON OVERDUE AMOUNTS.

NO RETURN OR REFUNDS AFTER 10 DAYS FROM INVOICE DATE.

DAMAGE OR SHORTAGE CLAIMS MUST BE MADE WITHIN 10 DAYS OF INVOICE DATE.

NO RETURNS ALLOWED WITHOUT PRIOR APPROVAL. RETURNED GOODS COULD BE SUBJECT TO A RESTOCK CHARGE.

#####

COUNTRY OF ORIGIN OF GOODS : USA

TYPE OF GOODS : AIRCRAFT PARTS

HARMONIZED CODE : 8803-20-0050

#####

Sub Total : \$3,047.50

Tax Total :

S + H : \$0.00

Balance : \$3,047.50

BUTLER, INC.

1600 W. 166th STREET
GARDENA, CA 90247

Packing List

Customer No.: C.O.R.E

Ship To: **CORE AVIATION SERVICES, INC.**
16305 E. TWIN ACRES DR.
GILBERT, AZ 85298

Bill To: **CORE AVIATION SERVICES, INC.**
16305 E. TWIN ACRES DR.
GILBERT, AZ 85298

Date		Ship Via		F.O.B.		Terms	
03/23/15		UPS		Origin			
Purchase Order Number			Order Date	Sales Person			Our Order Number
27791-5			03/23/15				17674
Quantity			U/M	Item Number	Description		Serial Number
Req	Shipped	B.O.					
20	20		each	AN8C21A	LOT 15494		

**BUTLER INC.**

Thank You
1600 West 166th Street Gardena, CA 90247
(310) 323-3114 FAX (310) 324-0914



BUTLER INC.

1600 W. 166th STREET
GARDENA, CALIFORNIA 90247
(310) 323-3114 / FAX (310) 324-0914



CAGE # 59053

C.O.R.E. AVIATION SERVICES
16305 E. TWIN ACRES DRIVE
GILBERT, AZ 85298

CERTIFICATE OF COMPLIANCE

BUYER ORDER NO.: 27791-5 ITEM: 1

NSN #: NA PART NUMBER: AN8C21A REV: 2

DESCRIPTION: BOLT, HEX HEAD, .5000-20 x 2.219, 431, PASSIVATE

SPECIFICATIONS: NASM6812-3, ASTM A 493-09, AMS-H-6875B, AMS2700E

QUANTITY: 20 LOT #: 15494 HEAT #: G18870

BUTLER INC. HEREBY CERTIFIES THAT THIS LOT HAS BEEN PRODUCED, SAMPLED, INSPECTED, TESTED, MARKED AND PACKAGED IN ACCORDANCE WITH ALL CONTRACT, DRAWING AND SPECIFICATION REQUIREMENTS. FURTHERMORE, BUTLER INC. CERTIFIES THAT DOCUMENTED EVIDENCE OF COMPLIANCE WITH ALL CONTRACT, DRAWING AND SPECIFICATION REQUIREMENTS APPLICABLE TO THIS LOT IS ON FILE AT OUR PLANT IN THE FORM OF MECHANICAL, METALLURGICAL AND/OR CHEMICAL TEST REPORTS AND INSPECTION RECORDS, AND IS AVAILABLE FOR BUYERS REVIEW.

DATE OF EXECUTION: 03/23/15

SIGNATURE: Tod F. Polidori

TOD F. POLIDORI

TITLE: Q.A. MANAGER

Order No: 3432235
Time 10:13:08



FRY STEEL COMPANY
Registered ISO 9001
13325 MOLETTE ST.
SANTA FE SPRINGS, CA 90670
(562) 802-2721

B04163
Cust. NO.: 22883
P.O. NO.:

CERTIFICATE OF COMPLIANCE

BUTLER INC ***
1600 W 166TH ST
** MAIL OUT INVOICES **
GARDENA CA 90247-4704

ROOKE MFG
3360 W HARVARD ST
SANTA ANA CA 92704-3920

06/28/12

QTY	--DESCRIPTION--	--ITEM CODE--	--HEAT NUMBER--
	CG 431 ANN AMS 5628 GREEN/YELLOW		
26	BARS .510"RD 12'RL	4290	G18870
	ONE HEAT LOT		
100	BARS 1/4"RD 12'RL	4200	G18835
	ONE HEAT LOT USE HT# G18835		
59	BARS .265"RD 12'RL	4210	G18835
	ONE HT LOT		

REVIEWED BY: JB A 5

DATE: 7-6-12

NOTICE

A COPY OF THE ORIGINAL MILL CERTIFICATION IS ATTACHED*

CHEMICALS & PHYSICALS ARE REPORTED THAT WILL MEET THE SPECIFICATIONS SHOWN ON THE CERTIFICATE.
EXCEPTIONS TO SPECIFICATIONS SHOULD BE SHOWN ON THE CERTIFICATION.

AUTOMATIC EXCEPTIONS TO THE SPECS LISTED ARE: LINE MARKING AND INSPECTION(I.E. MAG., SONIC,ETC.)

WE SUGGEST CONSULTING AN EXPERT ABOUT RELATED INSPECTION, PRIOR TO ALTERING THE MATERIAL FROM THE AS SHIPPED/RECEIVED
CONDITION. "DEFECT FREE" MATERIAL CAN NOT BE GUARANTEED WITHOUT PRIOR INSPECTION APPROPRIATE TO APPLICATION.

**NO WELD REPAIR HAS BEEN PERFORMED AND THIS MATERIAL IS FREE FROM MERCURY AND RADIUM
CONTAMINATION AT TIME OF SHIPMENT**

The willful recording of false, fictitious or fraudulent statements on this document may result as a felony under federal statutes.
*WHEN APPLICABLE

MAT'L USED
FOR LOT #

15494

Chip Sandoval
CHIP SANDOVAL - Q.C. MANAGER



Dunkirk Specialty Steel, LLC

A Universal Stainless Company
P.O. Box 319
830 Brigham Rd.
Dunkirk, NY 14048

Quality System Registered to
ISO9001 and AS9100

Material Certification

MILL ORDER: 0044402
PART NUMBER: S#4290
P.O. NUMBER: 46972-11

P.O. DATE: 2/28/2012

PAGE NUMBER: 1 of 1

PRINTED: 6/5/12 07:58

S FRY STEEL COMPANY
O T P.O. BOX 4048
L O
D

SANTA FE SPRINGS, CA 90670

S FRY STEEL CO
H T C/O C.M.I. FREIGHT TRANS
I O 4201 WEST 36TH ST
P

CHICAGO, IL 60623

Material Description: STAINLESS STEEL ROUND BAR 431 EAF+AOD ANNEALED CENTERLESS GROUND AMS 2303F, ASTM A484-11, MIL-S-18732D, AMS-S-18732B, AMS 5628F, McDonnell Douglas DMS-1565G (except sonic), Hi Shear #115J (Type II, chemistry only), Federal QQ-S-763C Am. 2 (431 cond. A, exc. hard. & impact), waive CLM, ASTM A276-10 (431).

Size: .5100 DIAM X 132.0000 MIN/ 156.0000 MAX RANDOM LENGTH

Heat Number	C	0.15	MN	0.58	SI	0.30	S	0.002	P	0.017
G18870	CR	16.35	W	<0.05	V	0.02	NI	2.24	MO	0.07
	CO	<0.05	CU	0.13	SN	0.008	PB		CB	<0.01
	TA		AL	<0.01	TI	<0.01	FE		B	
	O		MG		CA		SE		ZR	
	AG		BI		N	0.060	H		CQ	

HARDNESS (AS SHIPPED): 269 BHN

TENSILE CAPABILITY: 1875F/1HR/OQ+1175F/3HR/AC

T/S KSI	Y/S KSI	SEL
152.4	105.0	17.5

REVIEWED BY: JB A 5

DATE: 7-6-12

TENSILE CAPABILITY: 1875F/1HR/OQ + -100F/2HR/AC+550F/2HR/AC + 550F/2HR/AC

T/S KSI	Y/S KSI	SEL	HR/A
218.9	159.6	16.0	57.0

HARDENABILITY : Rc 50.0

MICRO TEST: ACCEPTABLE

MACRO ETCH TEST: ACCEPTABLE

GRAIN SIZE: 7.1

FERRITE: <48

MAGNETIC PARTICLE F/S = 0/0

KNOWINGLY RECORDING FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FEDERAL STATUTES INCLUDING FEDERAL LAW, TITLE 18, CHAPTER 47.

S# 4290

MELT SOURCE: UNIVERSAL/DUNKIRK

CHEMICAL BALANCE IS Fe

MATERIAL MELTED IN THE USA BY UNIVERSAL STAINLESS & ALLOY PRODUCTS, BRIDGEVILLE, PA

MATERIAL MANUFACTURED IN THE USA

FRY STEEL CO. CERTIFIES THAT THIS IS
A TRUE COPY OF THE ORIGINAL MILL TEST
REPORT NOW ON FILE
RECEIVED AND INSPECTED

JUN 07 2012

MAT'L USED

FOR LOT #

15494

BY

CHIP SANDIPAL - Q.C. MANAGER

/S/John M. Berry

/S/John M. Berry

06/05/12

Prepared by: John M. Berry, QA

John M. Berry, QA Technician

Date

Melted and manufactured in compliance with DFARS 252.225-7014 ALT 1. Melted by USAF in Bridgeville, PA., USA. Certification 1AW DIN 50 049 / EN 10204 3.1. Material complies with EU directive 2002/95/EC (RoHS). The test results shown are certified to be a correct statement of records that were derived from testing samples of the material. Results meet applicable specifications. No welding was performed on the material supplied on this order. Material is free from mercury contamination. Material is of NAFTA origin. This material was produced under the Dunkirk Specialty Steel Quality Management System documented in QP Manual, Rev. 6 dated 1/6/2012, conforming to NCA-3800. Material testing was performed as applicable in accordance with ASTM A370, A604, E8, E10, E18, E23, E45, E112, E139, E381, E572, E1019, STP-CHEM-GDS, E1444, & AMS 2315. The recording of false, fictitious, or fraudulent statements on this document may be punished as a felony under federal

CONTINENTAL
HEAT TREATING, INC.

10643 S. NORWALK BL.
SANTA FE SPRINGS
CALIFORNIA 90670
562-944-8808
800-622-6624
FAX 562-944-1499
www.continentalht.com

CERTIFICATION

CERTIFICATION NUMBER
616536

S BUTLER INC
O 1600 W 166TH STREET
L GARDENA, CA 90247-4704
D

S BUTLER INC
H 1600 W 166TH STREET
I GARDENA, CA 90247-4704
P
T
O

CUSTOMER NUMBER 0047500 DATE RECEIVED 09/26/12 CUSTOMER P.O. NUMBER 23927 CUSTOMER SHIPPER

QUANTITY 1231 WEIGHT 203 PART NUMBER / DESCRIPTION AN8C21A REV.2 LOT# 15494 2 PANS
HEAT# G18870
END USER: C.O.R.E.
H/T, 125-145 KSI PER P.O.

MATERIAL 431 S/S HARDNESS 26-32 HRC MAX-CROSS-SECTION .520 CASE DEPTH CORE HARDNESS
SPECIFICATIONS AMS 2759/5 D AMS-H-6875 B

PROCESS	SPEC TEMP	SPEC TIME	EQUIP.	ACT TEMP	TIME IN	TIME AT-HEAT	TIME OUT	ATMOS DEWPT	Q-MED & TEMP	DATE
RACK			RACK		.16	Y				10/02
PRECLEAN	140	:05	WASH	140	14:10	14:10	14:15	AIR	A/C	10/02
LOADCOUPLE			WIRE		.08	Y				10/03
SET V P			ATMOS		.02	Y				10/05
AUSTENITIE	1875	1:30	V1	1875	18:04	23:12	00:42	VAC	OIL	10/05
SUBZERO	-100	2:20	CB3	-100	03:16	03:30	05:50	NIT	A/W	10/06
SNAPTEMPER	400	2:00	D13	400	10:26	11:30	13:30	AIR	A/C	10/06
TEMPER 15	1125	4:00	D12	1125	18:06	19:05	23:05	AIR	A/C	10/08
TEST RESULTS: 30 HRC										
TEMPER 15	1125	4:00	D12	1125	18:00	19:35	23:35	AIR	A/C	10/09
GLASS BEAD			B6		1.50	Y				10/12

REVIEWED BY: JB A 5
DATE: 10/15/12

JR CHOW
10/15/12

HARDNESS: 26-31 HRC QTY TESTED: 15 QTY ACCT: 1231 QTY REJT: 0

INSPECTOR WALTER WILLIAMS JR.

DATE 10/15/12

QUALITY MANAGER JIMMY MARTINEZ for DON LOWMAN

This Process Certification covers thermal processing and/or hardness testing only. No particular mechanical properties of any material should be assumed, or are implied, as a result of the thermal processing and/or hardness testing cited in this Process Certification. Material processed in a mercury-, radium- and asbestos-free environment. Unless otherwise specified above, for all AMS material specifications, no qualification or periodic testing has been performed. ALL FURNACES CERTIFIED TO MEET THE REQUIREMENTS OF AMS-H-6875, CURRENT REVISION. HARDNESS TESTING PERFORMED TO THE LATEST REVISION OF ASTM E 384, ASTM E 10, ASTM E 110, ASTM E 18, ASTM E 140 AND ASTM A 370.



**PERRY JOHNSON
REGISTRARS, INC.**

ISO 9001 REGISTERED

BUTLER INC.

1600 W. 166th STREET
GARDENA, CALIFORNIA 90247
(310) 323-3114 / FAX (310) 324-0914



**PERRY JOHNSON
REGISTRARS, INC.**

ISO 9001 REGISTERED

CERTIFIED TEST REPORT

CAGE CODE: 59053

PART NO: AN8C21A REV: 2
LOT NO: 15494
HEAT NO: G18870
MAT'L: 431

PROCUREMENT SPEC: NASM6812 REV: 3
LOT SIZE: 1196
TEST DATE: 11/16/12
CERTIFICATION NO: 4614

Test type: **Rockwell hardness**

Test value: N/A

Test method:

Butler procedure no:

Results:

1.	5.	9.	13.	17.	21.	25.	29.
2.	6.	10.	14.	18.	22.	26.	30.
3.	7.	11.	15.	19.	23.	27.	31.
4.	8.	12.	16.	20.	24.	28.	32.

Technician: _____

Stamp: _____

Test type: **Axial tensile**

Test value: 18500 lbs min

Test method: NASM1312-8

Butler procedure no: BIQOP-5-8-4

Results:

1. 25462 lbs	5. 25866 lbs	9.	13.	17.	21.	25.	29.
2. 25724 lbs	6.	10.	14.	18.	22.	26.	30.
3. 26074 lbs	7.	11.	15.	19.	23.	27.	31.
4. 25863 lbs	8.	12.	16.	20.	24.	28.	32.

Technician: *Flavio Ron*

Flavio Ron

Stamp:

Test type: **Double shear**

Test value: 29400 lbs min

Test method: NASM1312-13

Butler procedure no: BIQOP-5-8-5

Results:

1. 34946 lbs	5. 35911 lbs	9.	13.	17.	21.	25.	29.
2. 34671 lbs	6.	10.	14.	18.	22.	26.	30.
3. 34736 lbs	7.	11.	15.	19.	23.	27.	31.
4. 34258 lbs	8.	12.	16.	20.	24.	28.	32.

Technician: *Flavio Ron*

Flavio Ron

Stamp:

Test type: **Recess torque**

Test value: N/A

Test method:

Butler procedure no:

Deformation allowable:

Installation:

Removal:

Sample size:

Results:

Technician: _____

Stamp: _____

Test type: **Magnetic permeability**

Test value: N/A

Test method:

Butler procedure no:

Results:

Sample size:

Technician: _____

Stamp: _____

Material, as tested, conforms to specification requirements. The information on this report represents only the material tested. This report shall not be reproduced except in full without the written approval of Butler Inc.



Element Materials Technology
15062 Bolsa Chica
Huntington Beach, CA
92649-1023 USA

P 714 892 1961
F 714 892 8159
T 888 786 7555
info@element.com
element.com

Contact: Tod Polidori
Butler, Inc.
1600 West 166th Street
GARDENA, CA 90247

TEST CERTIFICATE — EAR-CONTROLLED DATA

Date: 11/26/2012
Purchase Order Number: 24199
Work Order Number: BUT004-11-20-03842-1

Part No.:	AN8C21A REV. 2
Lot No.:	15494
Heat No.:	G18870
Material:	431
Specification:	NASM6812-3

FASTENER EVALUATION — STAINLESS STEEL

Number of Pieces: 5
Etchant:
 Micro: Vilella's
 Temperature: Ambient
 Magnification: 100X/200X
 Macro: Vilella's
 Temperature: Ambient
 Magnification: 20X
Grain Flow:
 Head: Grain flow follows the contour of the head. (Acceptable)
 Head to Shank Fillet: Grain flow follows the contour of the head to shank fillet. (Acceptable)
 Threads: Grain flow follows the contour of the threads. (Acceptable)
Cracks: The entire sample shows no evidence of cracks.
Discontinuities / Defects:
 Head: No discontinuities / defects found.
 Threads:
 Crest Laps: 0.0015" (Within limits)
 Flank Laps: No discontinuities / defects found.
 Root Laps: No discontinuities / defects found.
Grain Growth: None
Grain Size: ASTM 6.0
Surface Condition on Head: No surface contamination (IGA) found.
Surface Condition on Threads: No surface contamination (IGA) found.
Microstructure: Exhibits fine tempered martensite with no visible carbide precipitation in the grain boundaries.
Surface Hardening: None except as created in cold working rolling of threads.

MATERIAL CONFORMS TO SPECIFICATION

This document contains technical data whose export and re-export/ retransfer is subject to control by the U.S. Department of Commerce under the Export Administration Act and the Export Administration Regulations. The Department of Commerce's prior written approval may be required for the export or re-export/retransfer of such technical data to any foreign person, foreign entity or foreign organization whether in the United States or abroad.

15062 Bolsa Chica, Huntington Beach, CA 92649
(714) 892-1961 ph • (714) 892-8159 fax www.element.com

Respectfully submitted

REVIEWED BY: 

DATE: 11-27-12


Megan E. Wolf
Quality Administrator

The information contained in this certification represents only the material submitted and is certified only for the quantities tested. Reproduction except in full is reserved pending written approval. The recording of false, fictitious, or fraudulent statements or entries on the certificate may be punishable as a felony under federal law. All testing was performed in a mercury free environment. All testing performed in accordance with the latest edition of the applicable ASTM, or other Federal Test Method in effect at the time of test.



HADD-CO INSPECTION LAB

2420 Amsler Street, Torrance, CA 90505

Toll Free: (888) 339-8472 Phone: (310) 325-7620 Fax: (310) 325-9655

www.haddco.com Email: NDT@haddco.com

NO. 14816

Sold To:-

BUTLER, INC
1600 W. 166TH ST.
GARDENA, CA 90249

P.O. Number:

24203


Job/Lot #:

15494

Completion Date:

11/20/12

CERTIFICATION

QUANTITY	PART NUMBER	DESCRIPTION
32	AN8C21A REV. 2	MPI PER ASTM E1444M-11 NASM6812-3 MAT: 431 NOT PLATED HEAT# G18870 NO REJECTS
REVIEWED BY:  DATE: 11-27-12		

This is to certify that 100% of the parts under subject purchase order have been inspected by Magnetic Particle Inspection in accordance with all applicable and/or purchase order requirements.

Inspector:

MARTIN J. DIAZ
MARTIN J. DIAZ Level II



NOTE: Altering of this certification renders it void.

Allblack Company, LLC

13090 Park St.

Santa Fe Springs, CA 90670

Phone: (562) 946-2955

Fax: (562) 946-6665

Certificate of Conformance

To: Butler Inc.

1600 West 166th Street

Gardena, CA 90247

United States

From: Allblack Company, LLC

13090 Park St.

Santa Fe Springs, CA 90670

Packing List No: 327070

Today's Date: 11/30/12

Shipping Date: 11/30/12

PO Number: 24217

MERCURY FREE PROCESS

Quantity

Shipped

Unit

Description

Job Number

1

LOT

PASSIVATE PER AMS2700E AN8C21A REV 2 LOT#15494 HEAT#G18870
431 MATL 288 PIECES 43# 1 PAN

442712

GENTLEMEN: This is to certify that the following articles have been processed and/or inspected as indicated above in accordance with military standards and specifications.

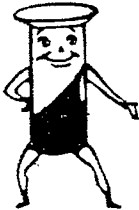


REVIEWED BY:

DATE: 12-3-12

Inspector's Initials

Allblack Company, LLC



SIERRA PACIFIC SUPPLY

1801 W. EL SEGUNDO BLVD., COMPTON, CA 90222-1096
MAIL: PO BOX 4848, COMPTON, CA 90224-4848
PHONE: (310) 638-9318
FAX: (310) 638-8105
www.sierrapacificsupply.com

Packing List

181388

Page 1

Date: 11-24-09
By: MARIA

Sold to: FAS940

Ship to:

FASTENER DIMENSIONS INC.
94-03 - 104TH. ST.
OZONE PARK, NY 11416

FASTENER DIMENSIONS INC.
94-03 - 104TH ST.
OZONE PARK, NY 11416

Customer P.O.		Contact Name		Ship Via			
P53411		DENISE RIZZO		UPS COLL 570-3X0			
Payment terms		Reference	B P	Salesperson Name			
NET30		DENISE RIZZO	Y Y	BRAD RAMSEY			
Line	QUANTITY			U/M	Description	Unit Price	U/M
Num	ORDERED	SHIPPED	BACK OR'D				
SIERRA PACIFIC CERTIFIES THAT THESE Fasteners supplied on							

SIERRA PACIFIC CERTIFIES THAT THESE PARTS ARE IN FULL COMPLIANCE WITH DFARS CLAUSE 252.225-7014 ALT. 1

Fasteners supplied on this Purchase Order meet all requirements of the latest Revision in Effect at the time of shipment

No returns will be accepted without a returned goods authorization number.

Claims for shortages or material discrepancy must be made within 15 days after the ship date.

Only lot traceable material will be accepted for return.

0001

500
556
556
FDI
1
WH

EA

AN4C42A
HEX HEAD 431 SS PASS
1/4-28 X 4-9/32
MFG: SIERRA PACIFIC SUPPLY
LOT: 9952481 500.
REV: 12

RECEIVED

FEB 01 2010

By R67328

SIERRA PACIFIC SUPPLY COMPANY, INC.

CERTIFICATE OF CONFORMANCE

Sierra Pacific Supply Co., Inc., hereby certifies that the material listed hereon conforms to the chemical and physical properties of applicable specifications; and has been passed as Aircraft Quality in accordance with applicable specifications at Government and customer approved sources; evidence subject to availability in the files of Sierra Pacific Supply Co., Inc.

FINAL INSPECTION

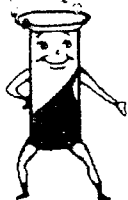
Noe

SIGNED:

DATED:

George Buck, General Manager

Packing Slip/Certificate of Conformance



SIERRA PACIFIC SUPPLY CO., INC.

MAIL: P.O. BOX 4848 • COMPTON, CA 90224-4848
1801 W. EL SEGUNDO BLVD. • COMPTON, CA 90222-1096

TELEPHONE: (310) 638-9318
FAX (310) 638-8105

To Whom It May Concern:

We certify the below item meets all chemical and physical properties of the required specifications.

Part Number: AN4C42A

Manufacturer: Sierra Pacific Supply


Lot Number: 9952481

Revision: 12

Description: 1/4 - 28 X 4 9/32
Hex Head 431 SS Pass
Bolt

Chemical Composition: Fry Steel, Inc.

Hardness/Shear Value: Stork Materials Testing & Inspection


George Buck, General Manager

1/21/10
Date

SPS LOT # 9952481
CUST. P.O. P53411
QTY SHIP 556 EACH